## PART B - FEE(S) TRANSMITTAL

Complete and gend this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE Commissioner for Patents JUL 2 6 2010 P.O. Box 1450 Alexandria, Virginia 22313-1450 or Fax (571)-273-2885 INSTELLED his form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate Air further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 04/29/2010 48116 7590 Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below. FAY SHARPE/LUCENT №1228 Euclid Avenue, 5th Floor The Halle Building Cleveland, OH 44115-1843 (Depositor's name (Signature (Date) FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. APPLICATION NO. FILING DATE LUTZ 2 00551 7159 10/033,338 12/28/2001 Sridhar Gollamudi TITLE OF INVENTION: MULTI-CHANNEL ADAPATIVE QUALITY CONTROL LOOP FOR LINK RATE ADAPTATION IN DATA PACKET COMMUNICATIONS PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE APPLN. TYPE SMALL ENTITY **ISSUE FEE DUE** 07/29/2010 \$300 \$1810 nonprovisional NO \$1510 07/26/2010 NBELETE2 00000105 122325 10033338 ART UNIT **CLASS-SUBCLASS EXAMINER** AGHDAM, FRESHTEH N 2611 375-225000 Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list ! Fay Sharpe LLP (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer listed, no name will be printed. Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (B) RESIDENCE: (CITY and STATE OR COUNTRY) (A) NAME OF ASSIGNEE Aicatel-Lucent USA Inc. Murray Hill, NJ (US) Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government 4b. Payment of Fec(s): (Please first reapply any previously paid issue fee shown above) 4a. The following fee(s) are submitted: Issue Fee A check is enclosed. Publication Fee (No small entity discount permitted) Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required ree(s), any deficiency, or credit any Advance Order - # of Copies (enclose an extra copy of this form). overpayment, to Deposit Account Number 5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. Authorized Signature Registration No. Typed or printed name \_

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## PART B - FEE(S) TRANSMITTAL

Omplete and see	this form, togeth	ner with applicable		Mai Con P.O Ale:		r Pate				
NSTRUCTIONS: The appropriate Appropriate Appropriate of the confected unless corrected agents and the control of the control o	form should be used for orrespondence including d below or directed oth ions.	or transmitting the ISSU g the Patent, advance or erwise in Block 1, by (a	E FEE and PUBLIC ders and notification ) specifying a new c	OATIO of m	ON FEE (if requinaintenance fees when the point of the po	red). B vill be n and/or	locks 1 through 5 s nailed to the curren (b) indicating a sep	should be completed correspondence arate "FEE ADI	eted where address as DRESS" for	
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)					Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.					
FAY SHARPE/ 1228 Euclid Ave The Halle Buildin Cleveland, OH 4		addre	reby certify that these Postal Service we resend to the Mail	is Fee(s tith suff Stop I	ficate of Mailing or Transmission Fee(s) Transmittal is being deposited with the United th sufficient postage for first class mail in an envelope Stop ISSUE FEE address above, or being facsimile O (571) 273-2885, on the date indicated below.					
i	1113 1013				otti G Pa	reb III	Hiels 7-8	les. 30-10	(Signature)	
APPLICATION NO.	FILING DATE		FIRST NAMED INVENT			ATTO	RNEY DOCKET NO.	CONFIRMATI	ON NO.	
10/033,338 12/28/2001 Sridhar C				nudi LUTZ 2 00551 7159						
	I: MULTI-CHANNEL	ADAPATIVE QUALIT	Y CONTROL LOC	P FC	OR LINK RATE	ADAPT	TATION IN DATA	PACKET		
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE	OUE	PREV, PAID ISSU	E FEE	TOTAL FEE(S) DUI	DATE	DUE	
nonprovisional	NO	\$1510	\$300		\$0		\$1810	07/29/	2010	
EXAMINER ART UNIT			CLASS-SUBCLAS	s						
AGHDAM, FRESHTEH N 2611			375-225000		•					
1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			2. For printing on the patent front page, list  (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.							
PLEASE NOTE: Unl recordation as set forti (A) NAME OF ASSIC	css an assigned is ident h in 37 CFR 3.11. Comp GNEE Alcatel-Li Murray H	A TO BE PRINTED ON The ified below, no assignce obligation of this form is NO ucent-USA Inciti, NJ (US) categories (will not be presented to the categories will not be presented to the categories will not be presented to the categories of the categories will not be presented to the categories.	data will appear on T a substitute for filir (B) RESIDENCE: (	the pang an a	atent. If an assign assignment.  Yand STATE OR (	COUNT	RY)			
4a. The following fee(s):  Issue Fee Publication Fee (N Advance Order - i	b. Payment of Fcc(s): (Please first reapply any previously paid issue fee shown above)  A check is enclosed.  Payment by credit card. Form PTO-2038 is attached.  The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).									
NOTE: The Issue Fee an	s SMALL ENTITY state	us. See 37 CFR 1.27.	d from anyone other		•		FITY status. See 37 (		ther party ir	
interest as shown by the	records of the United Sta	tes Patent and Trademark	Office.					<del></del>		
Authorized Signature	Lacry S	Gielile	1		Date		7-20-1	0		
Typed or printed nam		nebler	<del>-</del>		Registration l			<u> </u>		
Alexandria, virginia 223	13-1430.	FR 1.311. The informati U.S.C. 122 and 37 CFR USPTO. Time will vary rden, should be sent to the ONOT SEND FEES OR persons are required to re							to process eparing, and to complete merce, P.O D. Box 1450	
			<u> </u>							